

**OPTICAL CONNECTOR ADAPTER FOR INTERFACING  
SINGLE OR MULTICHANNEL WAVEGUIDE DEVICES  
TO FIBER AND METHOD OF FORMING SAME**

**Abstract of the Disclosure**

An optical connector adapter advantageously  
interfaces waveguide devices using passive alignment. The  
connector adapter includes a substrate for transporting  
5 optical signals and having opposing ends and a top  
reference surface and single side reference surface. A  
carrier bracket is received over the top reference surface  
at either end and includes substrate alignment fiducials  
for aligning the top and side reference surfaces. A  
10 substrate carrier receives the substrate and carrier  
bracket as a subassembly and has carrier alignment  
fiducials for aligning to the side reference surface and  
top reference surface and interfacing a waveguide device.